ePowerSwitch 8XM Master

High security ePowerSwitch supports https (SSL) protocol

ePowerSwitch 8XM Master is an enhanced power distribution and control unit that enables remote power management of 8 devices (extendable up to 136) over Intranet or Internet.

This high security device uses HTTPS protocol with Web browsers that support SSL version 2 or 3.

It includes also many monitoring functionalities and supports SNTP and SMTP protocol.

Features

■ **Remote Power Management**
Each power outlet can be turned On/Off or restarted over IP. The number of controlled outlets can be extended up to 136 by cascading 16 Satellite models.

■ **Two separate AC Power Inputs**
To improve the security and increase the total current load the ePowerSwitch 8XM supports dual Power Inputs (up to 10 Amps each). The first one provides power for outlets 1 to 4 and the second one for outlets 5 to 8. This feature is ideal for power management of servers with redundant power supplies.

■ **Power Outlet Extension**
Up to 16 ePowerSwitch Satellites can be connected to a Master to control up to 136 Power Outlets.

■ **Power Outlet Grouping**
Enables to group individual outlets from the Master and different Satellites. Ideal to control multiple power supply servers & devices with a single command.

■ **Power-up Sequencing:**
Avoids the risk for a power in-rush to blow a fuse or circuit breaker in the data center.

■ **Restart Delay**
This delay, which applies to the restart activity at all power outlets, can be chosen between 5 and 60 seconds between off/on.

■ **Access and accounts**
The administrator password allows configuration and control of all power outlets. The administrator also can create up to 255 user accounts with access rights only to designated outlets.

■ **Advanced Security**
For your security, account access and data transfer are encrypted with SSL Technology.

■ **Multiple concurrent users**
Allows multiple concurrent user access to the Master and all Satellites. Each user has access to control his designated power outlets.

■ **DHCP client**
Reduces configuration management.

■ **Scheduler for Time-Controlled Applications**
This time-controlled function lets you control Power Outlets and dry Contacts and also allows to send Emails.

■ **IP device monitoring**
Enables to monitor IP devices using PING and Scan functions with automatic reboot in case of lock-up of the monitored device.

■ **Temperature and Humidity monitoring**
This function lets you monitor temperature and humidity in racks or server rooms. If thresholds are exceeded, Power Outlets can be automatically switched off, dry contacts controlled and Email sent.

■ **Improved log file reporting**
More information enables to help in troubleshooting.

■ **Programmable Labels**
A 32-character label can be attributed to each connected device to avoid confusion during operation.

■ **Easy Configuration**
Full configuration can be performed through the LAN using a very convenient Windows tool (can be disabled) or through the Web using the Web GUI.

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Benefits

- Remote individual control of up to 136 power outlets
- Dual power inputs allows increasing total load and security
- Outlet Grouping allows controlling multiple power supply servers and devices
- Power-up sequencing avoids in-rushes currents at start-up
- IP device, temperature and humidity monitoring
- Programmable restart delays and labels
- Access protected by names and passwords
- Firmware upgrade over the LAN for future product enhancements

Front side / Back side
A series of front-panel LEDs provide quick status checks.
2 separate AC inputs allow power managing of devices
with redundant power supply and a total load of 20Amp / 230V.

What's included

- 1 EPS 8XM XX (XX specifies delivered power cables, see below)
- 2 power cables IEC-320-C13 to XX (EU = Schuko/Europe standard,
  CH =Swiss standard or UK = British standard) 1.80 Meters
- 1 serial cable (SUB-D9 male/female) 1.80 Meters
- 1 CD-ROM containing User Guide in English and IP Configuration Tool

Accessories

Power Cable 230 V / 10 A
- Schuko/Europe standard
- Schuko CEE 7/EU1-16P to IEC-320 C13
- 1.80 Meters, Black, Part-Nr. 19.99.1018

Power Cable 230 V / 10 A
- Swiss standard
- Swiss to IEC-320 C13
- 1.80 Meters, Black, Part-Nr.: 19.08.1220

Power Cable 230 V / 10 A
- United Kingdom standard
- British BS1363A to IEC-320 C13
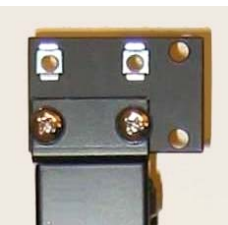- 1.80 Meters, Black, Part-Nr.: 80.90.10

Power Cable 230 V / 10 A
- IEC-320 C14 male to IEC-320 C13 female
- 1.80 Meters, Black, Part-Nr.: 19.99.1515

Horizontal Rack mounting kit with cable fastening
- Part-Nr.: EPS-CABMAN

Vertical rack mounting kit
- Part-Nr.: EPS-RACKMOUNT

Technical Features

Network standards	IEEE 802.3, 10 / 100 BASE-T
Network protocols	TCP/IP, HTTP
Network connection	RJ-45 connector for UTP CAT5
Max. network cable length	100 meters (not included)
Serial connection	RS232, SUB-D 9 female
SSL Technology	Version 2 and 3
Nominal input voltage	230 V/50Hz
Input power socket	IEC-320
Output voltage	230 V/50Hz
Output power socket	IEC-320
Maximum total current	2 x 10 A
LEDs	1 for Power Supply A 1 for Power Supply B 8 for the Power Outlets status 4 for Dry Contacts Output Status 1 for Network traffic 1 for Network Speed 10 / 100 Mbits/s
Operating temperature	0°C to +40°C
Operating humidity	10% to 80%
Dimensions (LxDxH)	437 x 107 x 42 mm
Weight	2 Kg
Approvals	CE, EN55022 & EN55024

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